

Figure 1

RS1 Operand Data Format

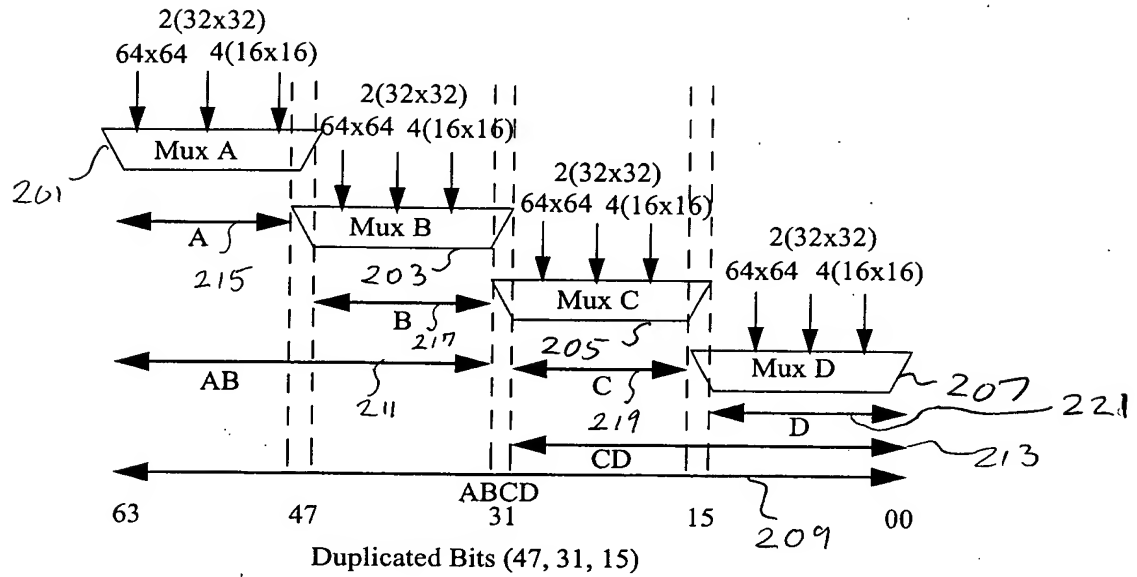
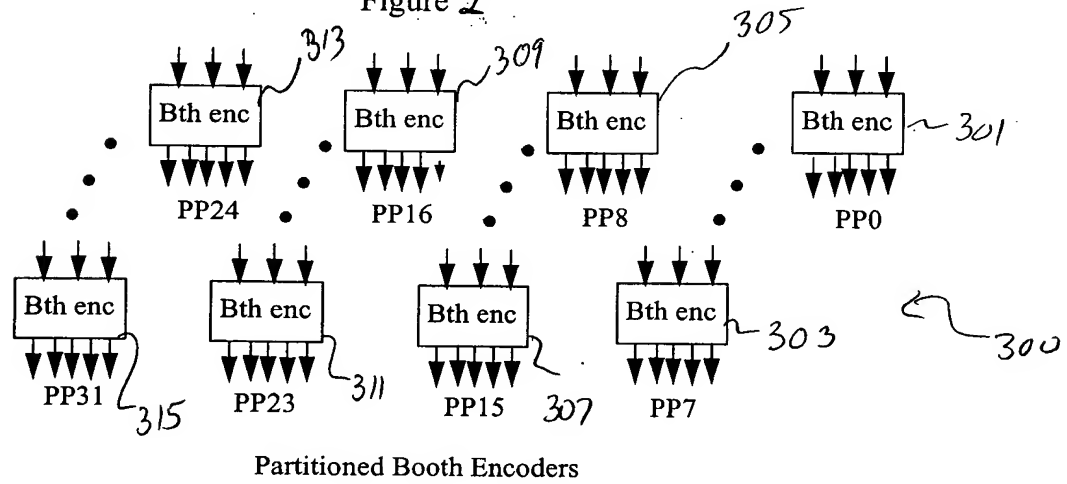


Figure 2



Partitioned Booth Encoders

Figure 3

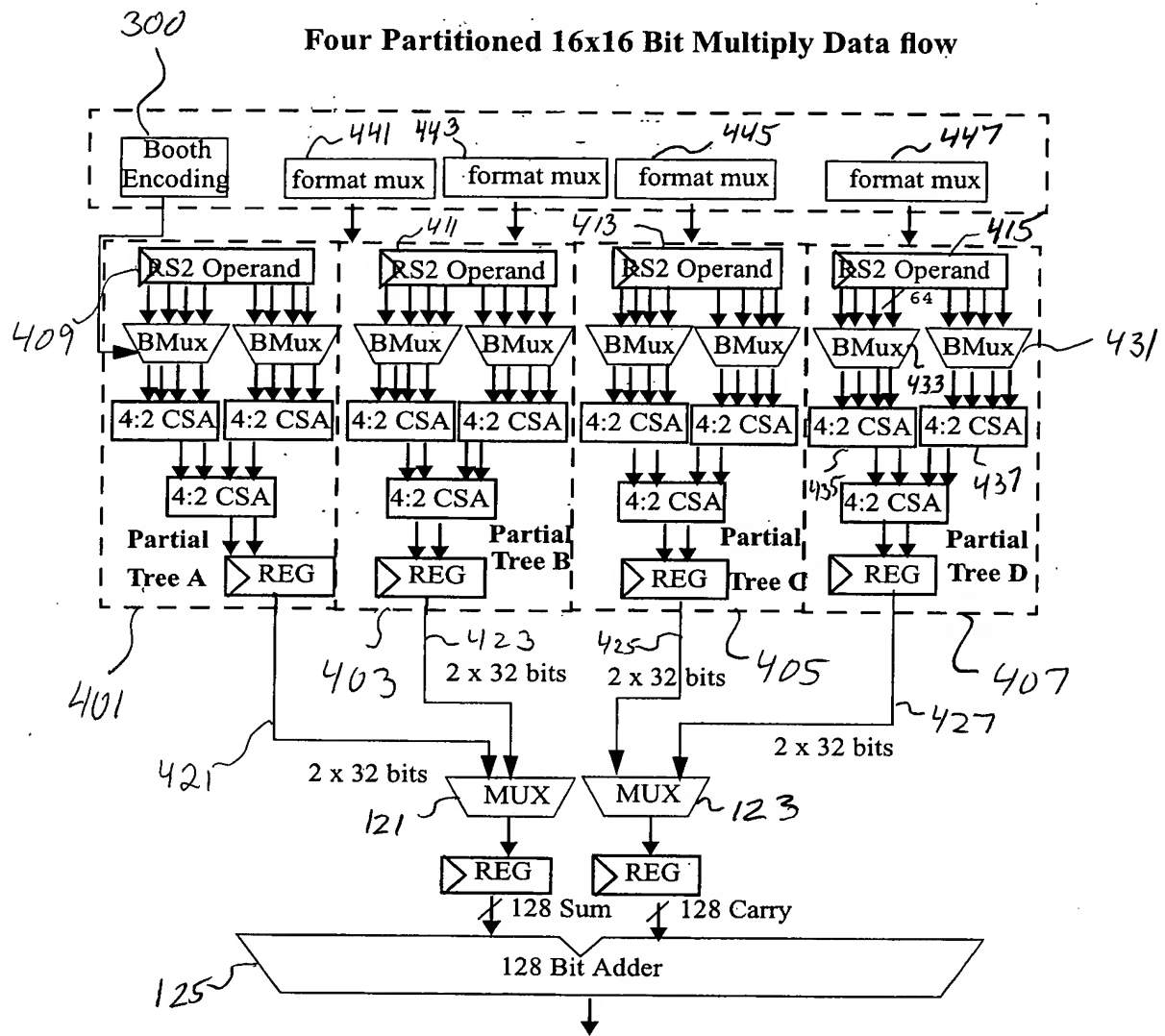


Figure 4

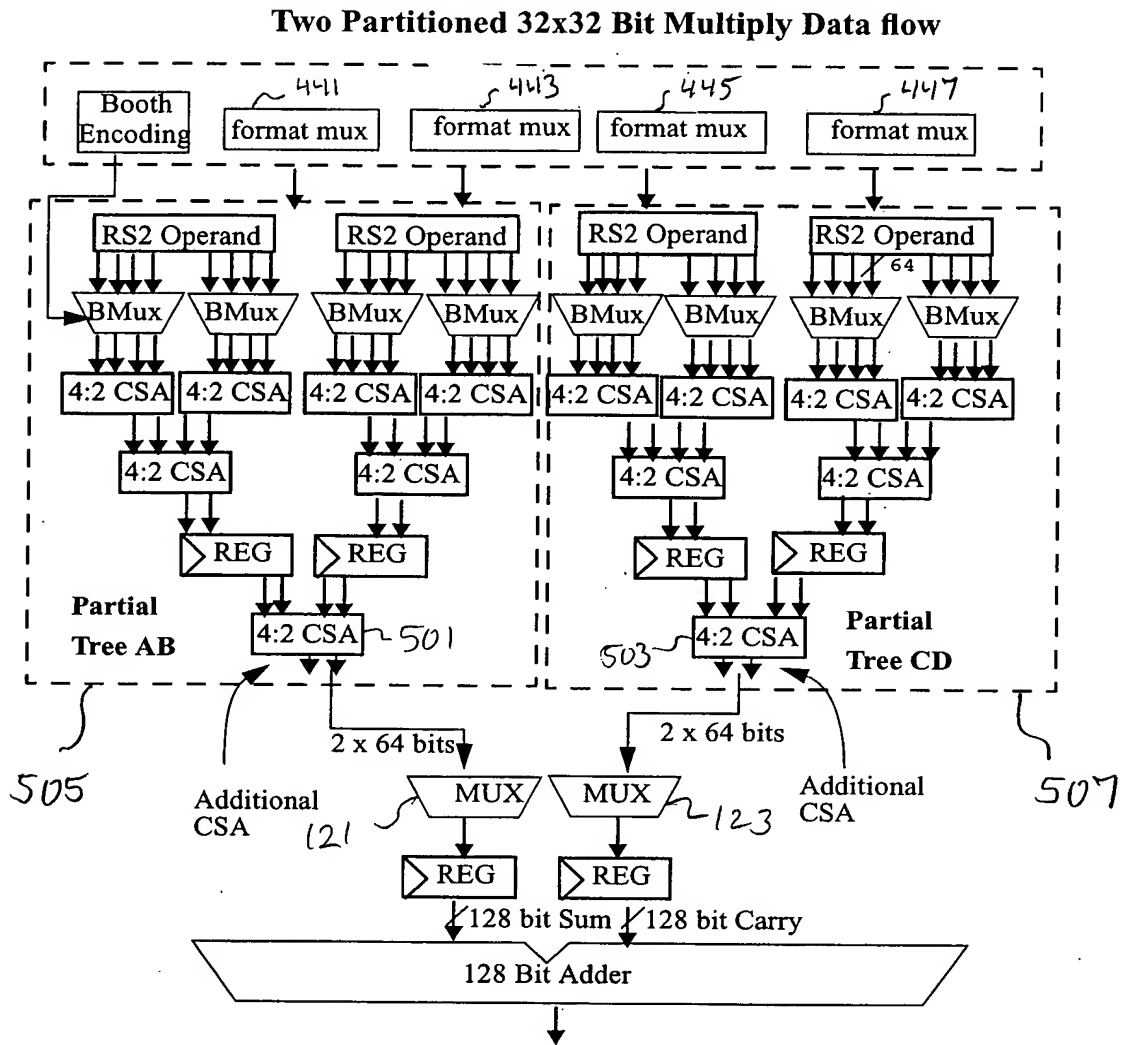


Figure 5

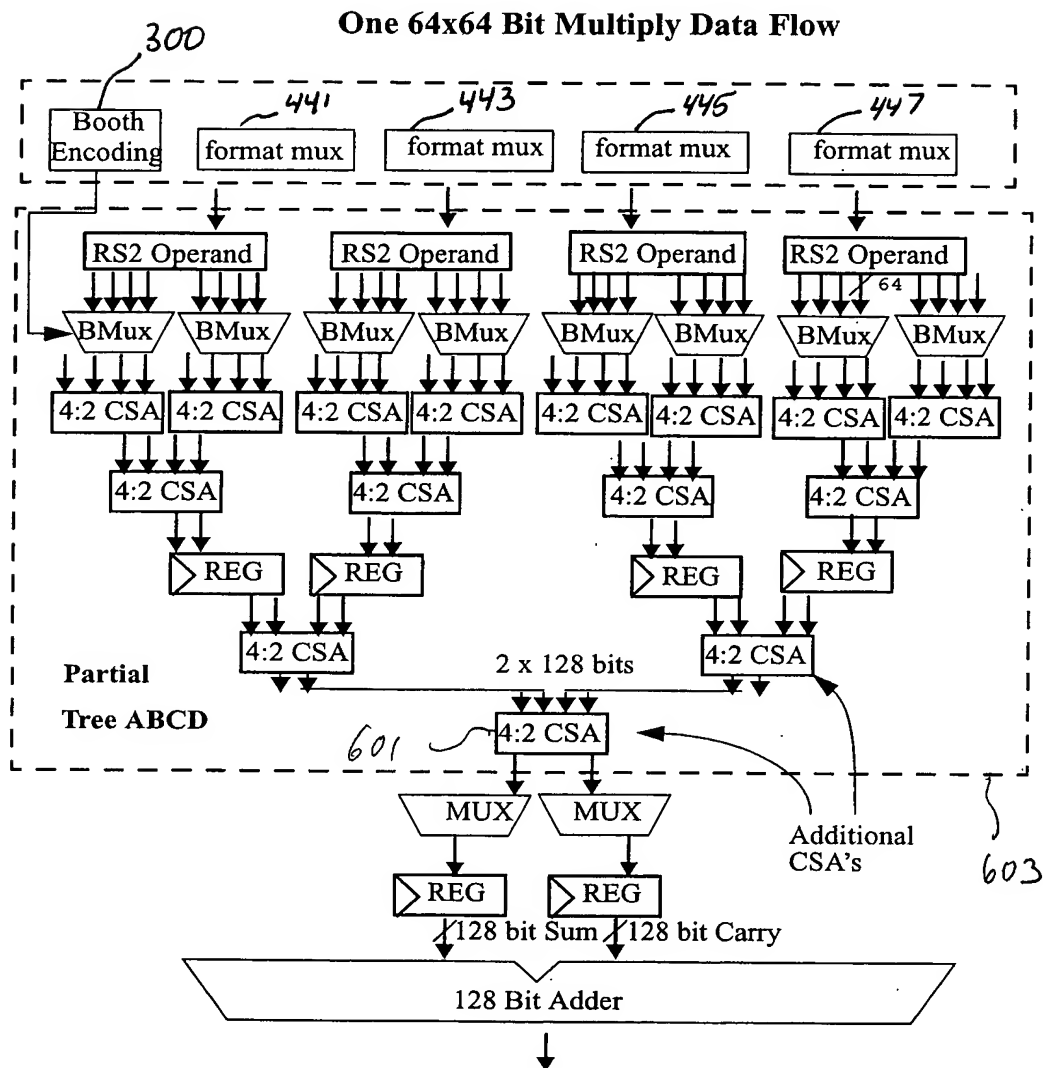


Figure 6

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[illegible]

Fig. 7.

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Fig 8

One Double Precision (64 X 64) Multiply

1	2	3	4	5	6
012345678901234567890123456789012345678901234567890123456789012345					
00000PNN	PP00(64..0)				
00001P	PP01(64..0)				..OH
001P	PP02(64..0)				..OH00
1P	PP03(64..0)				..OH0000
0000001P	PP04(64..0)				..OH
00001P	PP05(64..0)				..OH00
001P	PP06(64..0)				..OH0000
1P	PP07(64..0)				..OH000000
0000001P	PP08(64..0)				..OH
00001P	PP09(64..0)				..OH00
001P	PP10(64..0)				..OH0000
1P	PP11(64..0)				..OH000000
0000001P	PP12(64..0)				..OH
00001P	PP13(64..0)				..OH00
001P	PP14(64..0)				..OH0000
1P	PP15(64..0)				..OH000000
0000001P	PP16(64..0)				..OH
00001P	PP17(64..0)				..OH00
001P	PP18(64..0)				..OH0000
1P	PP19(64..0)				..OH000000
0000001P	PP20(64..0)				..OH
00001P	PP21(64..0)				..OH00
001P	PP22(64..0)				..OH0000
1P	PP23(64..0)				..OH000000
0000001P	PP24(64..0)				..OH
00001P	PP25(64..0)				..OH00
001P	PP26(64..0)				..OH0000
1P	PP27(64..0)				..OH000000
0000001P	PP28(64..0)				..OH
00001P	PP29(64..0)				..OH00
001P	PP30(64..0)				..OH0000
1P	PP31(64..0)				..OH000000
01234567890123456789012345678901234567890123456789012345678901234567					

Fig 9